

## ABSTRACT

*Ginanjar Satriatama K4611049. **RELATIONSHIP BETWEEN ART POWER MOTHER AND COORDINATION OF EYES ON SMASH PRECISION IN BULUTANGKIS GAME AT THE ATLET PB SUKOWATI REGENCY OF SRAGEN IN 2018.** Thesis, Faculty of Teacher Training and Education University Sebelas Maret Surakarta, July 2018.*

*The purpose of this research is to know the relationship between arm muscle power and hand eye coordination either individually or together with smash badminton smash badminton. Sukowati, Sragen Regency in 2018.*

*This research uses quantitative method with correlation descriptive analysis technique using SPSS 21 software. Sampling technique or sampling using total sampling technique. Data collection techniques in this study using measurement techniques. While the data analysis techniques use multiple correlation analysis to determine the amount of relationship and donation (using coefficient of determination) arm muscle power and hand eye coordination either individually or together with the results of badminton smash blows expressed in units of measure of proportion or percentage.*

*The results of the study are as follows, the correlation coefficient between arm muscle power with smash results ibulutangkis equal to 0.895. This means the correlation between arm muscle power with smash badminton results is significant or completely real. Coefficient of correlation between hand eye coordination with smash badminton result 0,892. This means the correlation between hand eye coordination and the result of a smash badminton blow is significant or completely real.*

*The conclusion of the study is first, there is a significant relationship between arm muscle power against smash badminton smash badminton results. Sukowati Sragen regency in 2018. Secondly, there is a significant relationship between hand eye coordination of smash badminton smash badminton athlete results. Sukowati Sragen regency in 2018. Fourthly, there is a significant relationship between arm muscle power and hand eye coordination simultaneously to the smash badminton smash results of PB athletes. Sukowati Sragen Regency in 2018 ..*

*Keywords: power muscle arm, hand eye coordination, smash badminton.*